

## ABSTRACT

## ANTENNA ARRANGEMENT

5           An antenna arrangement comprises a patch conductor (102) supported substantially parallel to a ground plane (104). The patch conductor includes first (106) and second (108) connection points, for connection to radio circuitry, and further incorporates a slot (202) between the first and second points. The antenna can be operated in a plurality of modes by variations in the  
10 impedances connected to the first and second points. For example, if signals are fed to the first point (106) then a high frequency antenna is obtained by connecting the second point (108) to ground and a low frequency antenna by leaving the second point (108) open circuit. A wide range of embodiments having alternative connection arrangements are possible.

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(Figure 2)